

The LUX Experiment

Tuesday, 10 September 2013 14:00 (20 minutes)

I will present the status and prospects of the LUX experiment, which employs 350 kg of two-phase xenon to search for WIMP dark matter interactions. The LUX detector was commissioned at the surface laboratory of the Sanford Underground Research Facility in Lead, SD, during the winter of 2012 and has been running in underground since the winter of 2013. I will review the results of the commissioning run as well as the current status of underground data-taking.

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